

$$(1) \quad VI = \max_{(\xi, \zeta) \in \Omega} |\mathbf{D}(x,y) - \mathbf{D}(x+\xi, y+\zeta)|;$$

$$(2) \quad T_{MAD}(x,y) = T_{MAD_{high}} \text{ if } VI(x,y) < TVI, \text{ else } T_{MAD_{low}};$$

$$(3) \quad S_{Fallback} = 1 \text{ if } MAD(x,y) > T_{MAD}(x,y), \text{ else } 0;$$

$$(4) \quad \mathbf{W_0} = \begin{matrix} 1.00 & 0.91 & 0.91 & 0.91 & 0.77 & 0.77 & 0.59 & 0.59 \\ 0.91 & 0.91 & 0.91 & 0.77 & 0.77 & 0.63 & 0.56 & 0.38 \\ 0.91 & 0.91 & 0.83 & 0.71 & 0.63 & 0.56 & 0.40 & 0.37 \\ 0.83 & 0.83 & 0.71 & 0.67 & 0.53 & 0.42 & 0.36 & 0.26 \\ 0.83 & 0.71 & 0.67 & 0.53 & 0.43 & 0.34 & 0.28 & 0.25 \\ 0.71 & 0.67 & 0.50 & 0.45 & 0.33 & 0.29 & 0.24 & 0.19 \\ 0.67 & 0.50 & 0.45 & 0.32 & 0.29 & 0.23 & 0.20 & 0.19 \\ 0.48 & 0.48 & 0.31 & 0.30 & 0.22 & 0.21 & 0.18 & 0.17 \end{matrix}$$

FIG.1

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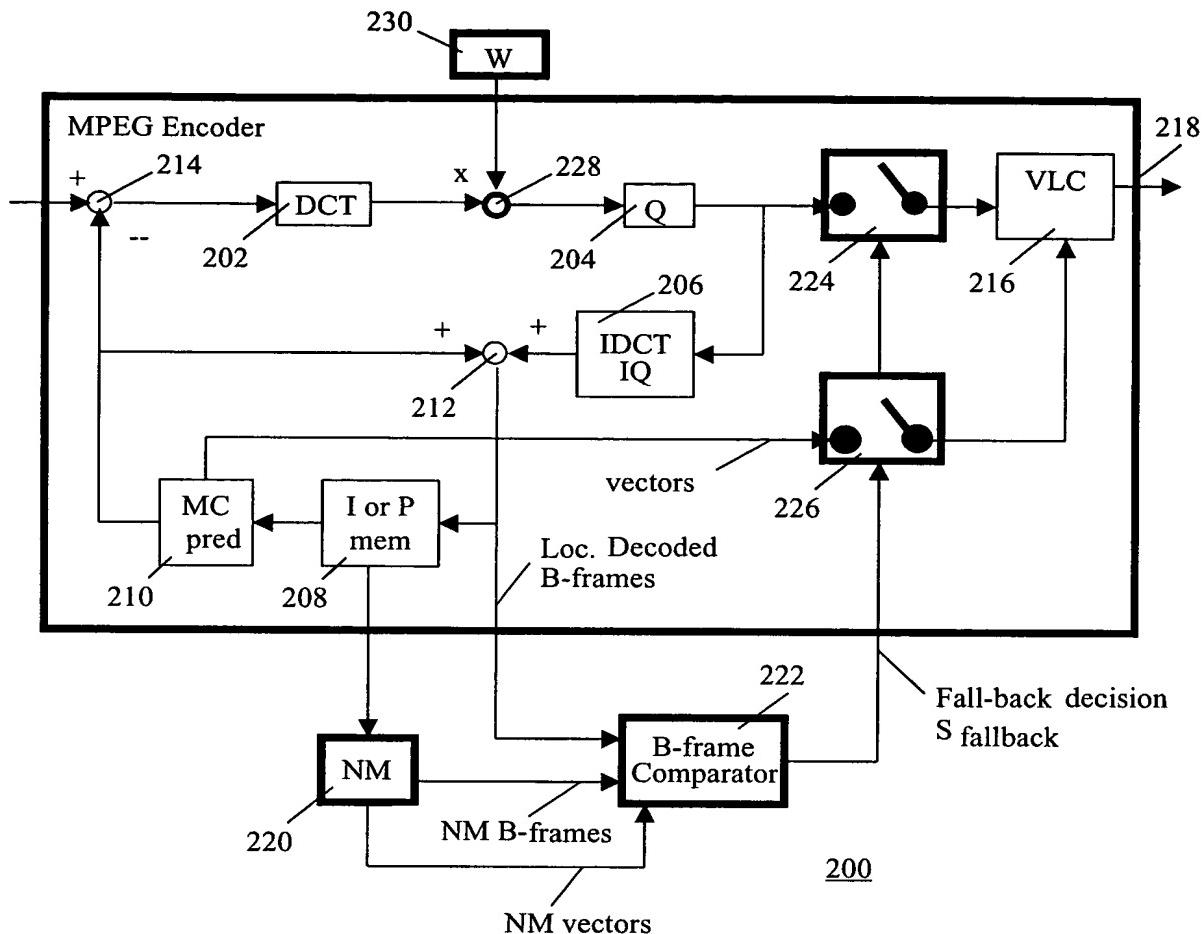


FIG. 2

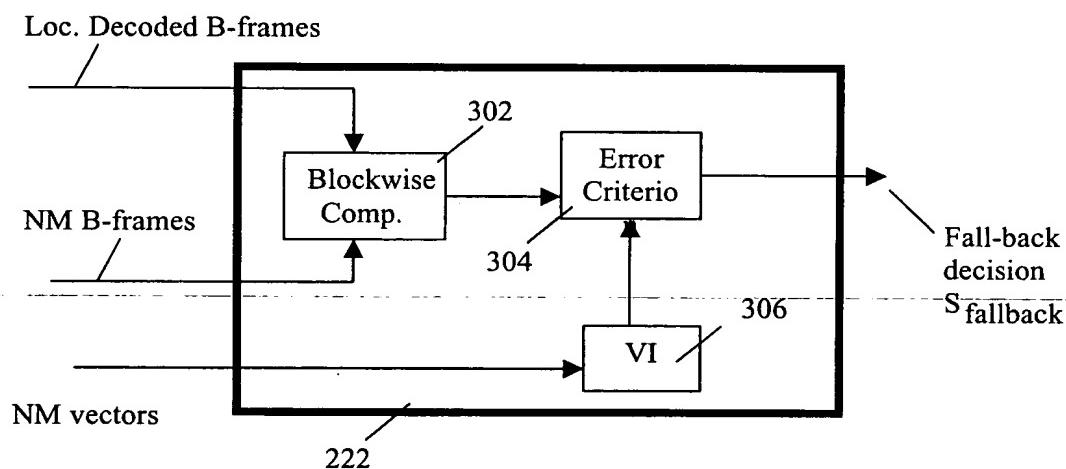
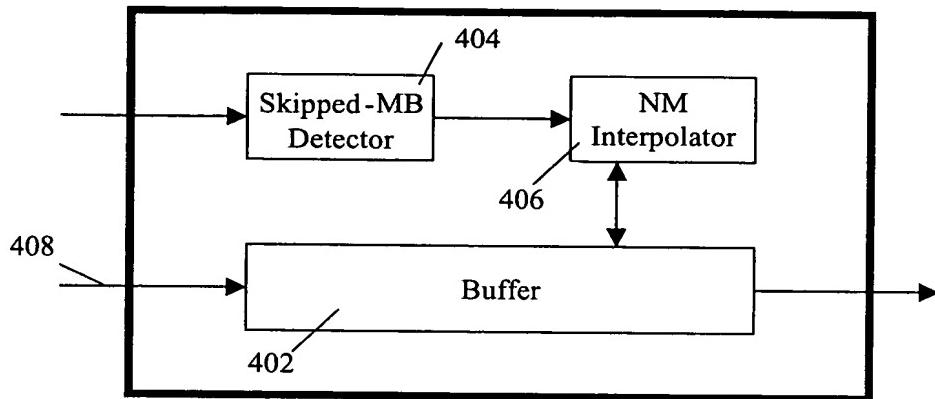


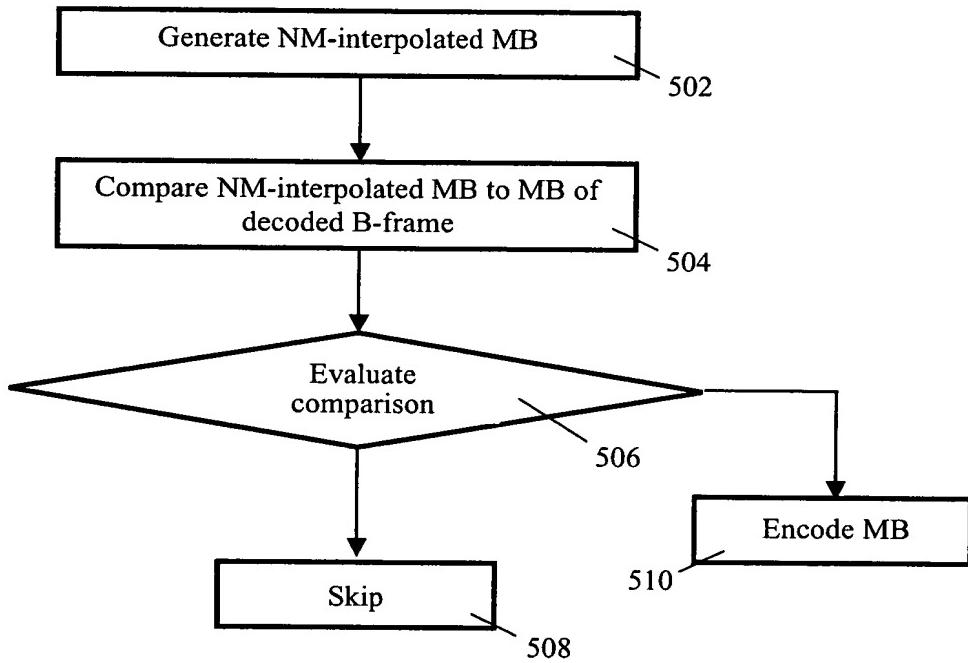
FIG. 3

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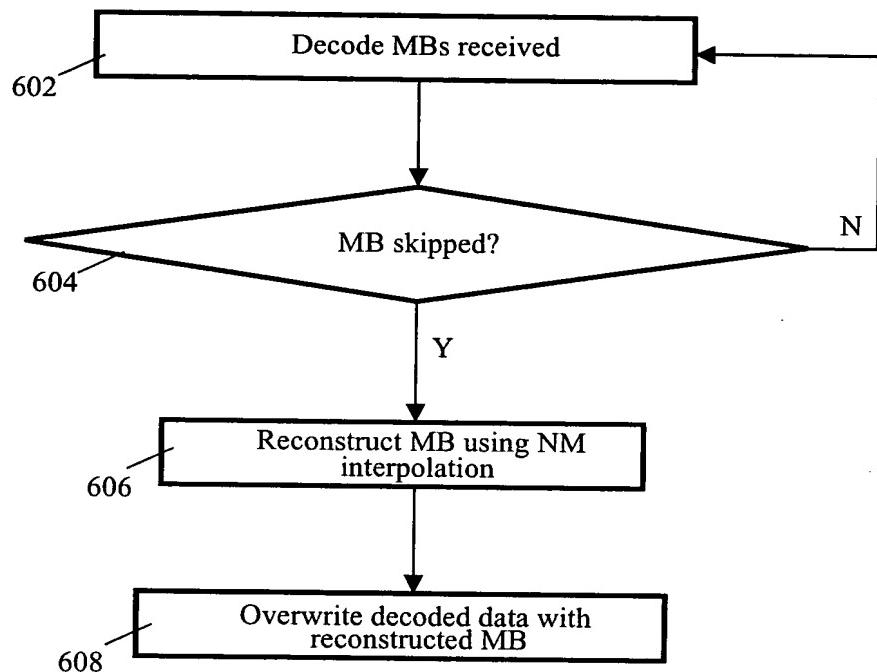
400

FIG.4



500

FIG.5



600

FIG.6